

October 31, 1947.

Dr. Mary Jane Ward,  
Bio-Organic Chemical Research Dept.,  
Eli Lilly and Company,  
Indianapolis 6, Ind.

Dear Dr. Ward,

In response to your letter, I hasten to assure you that you may expect my full cooperation. I have a number of strains derived from E. coli K-12, by the use of various mutagens, which have double- or triple- growth factor requirements. These strains are susceptible to T1--T7. In most instances, I also have available phage-resistant mutants which are resistant to T1 & T5, or to T6. Let me know your pleasure from the following list :

Y-26	biotin, phenylalanine, cystine
Y-9	threonine, leucine, pab
Y-10	threonine, leucine, thiamin
58-161	biotin, methionine
58-5255	biotin, proline
679-183	threonine, proline

There are also other mutants if you have any specific growth factor in mind. In addition, lactose-nonfermenting mutants are available of Y-10 and of 58-161.

I found your report on yeast agglutinins or precipitins of the utmost interest. Are you or Fox pursuing that work?

Yours sincerely,

Joshua Lederberg  
Ass't Professor of Genetics.